

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Nguyen-Ba, Paul H. on 01-27-2010.

The application has been amended as follows:

On listing of claims page 5;

Claim 15 (Currently amended) on line 4 *after detecting inserted “If” and deleted [the direction of rotation of] - - ,*

On line 7, after direction of rotation, *inserted “is turned or a dome switch is pressed in a menu or function selection mode;*

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when the rotating key is turned, selecting a menu according to the direction of rotation; and

when a dome switch is pressed, selecting a menu or function according to the pressed dome switch, wherein the function allows a user to select a zoom, to adjust a brightness level, to reproduce a direction of a motion picture, and” - -

On line 8, after television mode *deleted [;] - -*

On line 9, first word *changed [displaying] to “display” - - and after broadcast on changed [a] to “**the**” - - .*

See claim 15 currently amended below:

Art Unit: 2618

15. (Currently Amended) A rotating key method for use in a mobile terminal provided with a TV receiver, the method for using the rotating key comprising the steps of:

detecting if [the direction of rotation of] the rotating key, which has a plurality of dome switches located on one side of a printed circuit board (PCB) for detecting a contact signal when pressed and a plurality of contact surfaces on the other side of the PCB for detecting the position of the rotating key in each direction of rotation, is turned or a dome switch is pressed in a menu or function selection mode;

when the rotating key is turned, selecting a menu according to the direction of rotation;

and

when a dome switch is pressed, selecting a menu or function according to the pressed dome switch, wherein the function allows a user to select a zoom, to adjust a brightness level, to reproduce a direction of a motion picture, and to select a channel in a television mode and display[ing] video signals broadcast on [a] the channel selected according to the direction of rotation of the rotating key.

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Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 11-12-2009, the information disclosure statement has been considered by the examiner.

Allowable Subject Matter

3. Claims 1-8 and 10-28 are allowed.

Reasons for allowance

4. The following is an examiner's statement of reasons for allowance:

Art Unit: 2618

Regarding independent claims 1, 14-15 and 17, Wong (U.S. Pub. 2004/0127267) teaches in a mobile terminal provided with a rotating key having a plurality of dome switches, and Montgomery teaches multi-function key of the mobile terminal with plurality of dome switches (26). And Arai (U.S. Pub. No. 2004/021873) teaches a multi-function key is a plurality of control buttons (531) (see fig. 18), and the control button (531) may have control functions for the camera module such as selected zoom, photographing definition, call function as well as control function on the selecting switch (531) (see fig. 18, rotary switch with function/selection key (531), page 11, sections [0202-0211]). And Seong (US. Pub. No. 2004/0056985) disclose an apparatus and method for displaying a television video signal in a mobile terminal with desired channel using left and right keys of the navigating key (rotating key) to select desired channel (see fig. 6, and page 9, par [0078]). The above prior art of record, however, fail to disclose or render obvious: “when the rotating key is turned, selecting a menu according to the direction of rotation; and when a dome switch is pressed, selecting a menu or function according to the pressed dome switch, wherein the function allows a user to select a zoom, to adjust a brightness level, to reproduce a direction of a motion picture, and to select a channel in a television mode and display video signals broadcast on the channel selected according to the direction of rotation of the rotating key” and its functions as specified in the claim. Also see the prior art of record fail to disclose or render obvious the claimed invention for the reasons as stated in applicant’s response filed on 11-12-2009, on remarks page 9-12.

Claims 10-13 and 25-28 are allowed with the same reasons set forth in the previous Office action (paper mailed on 08-12-2009).

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(571) 273-8300, (for Technology Center 2600 only)

Hand-delivered responses should be brought to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tan Trinh whose telephone number is (571) 272-7888. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiners supervisor, Anderson, Matthew D., can be reached at (571) 272-4177.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

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Claims 5-9 are allowed with the same reasons set forth in the previous Office action (paper #3).¶
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."¶
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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tan H. Trinh
Division 2618
January 28, 2010

/TAN TRINH/
Primary Examiner, Art Unit 2618

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The following is an examiner's statement of reasons for allowance: ***.¶
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."¶

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